

PHYSEOPARDY

Forces

Fill in
The _____

Law 1,
2, or 3?

Mixed
Bag

Solving
Problems

\$100

\$100

\$100

\$100

\$100

\$200

\$200

\$200

\$200

\$200

\$300

\$300

\$300

\$300

\$300

\$400

\$400

\$400

\$400

\$400

\$500

\$500

\$500

\$500

\$500

You have selected an area of the board not in play.

OOPS!

[Click here to go back to the main board](#)

Forces - *\$100*

A book weighs 4 N. When held at rest in your hands, the net force on the book is

- a. 0 N.
- b. 0.4 N.
- c. 4 N.
- d. 40 N.
- e. none of the above

ANSWER

Forces - \$200

When an object reaches terminal velocity its acceleration is

- a. 0 m/s/s.
- b. 5 m/s/s.
- c. 10 m/s/s.

ANSWER

Forces - \$300

Accelerations are produced by

- a. forces.
- b. velocities.
- c. accelerations.
- d. masses.
- e. none of the above

ANSWER

Forces - \$400

Which of the following would exert the most pressure on the ground?

- a. A woman standing in running shoes
- b. A woman standing on skis
- c. A woman standing in high-heel shoes

ANSWER

Forces - \$500

A rock is thrown vertically into the air. At the very top of its trajectory the net force on it is

- a. its weight.
- b. less than its weight.
- c. more than its weight.

ANSWER

Fill in the _____ - \$100

Speed is change in _____
over change in _____.

ANSWER

Fill in the _____ - \$200

Acceleration is change in _____
over change in _____.

ANSWER

Fill in the _____ - \$300

Velocity is _____ and _____.

ANSWER

Fill in the _____ - \$400

Force equals mass times _____ .

ANSWER

Fill in the _____ - \$500

“g” is the _____ due to _____
and on earth it is 10 m/s/s down.

ANSWER

Law 1, 2, or 3? - *\$100*

Head bumps ball
& ball bumps head

ANSWER

Law 1, 2, or 3? - \$200

A force accelerates a mass.

ANSWER

Law 1, 2, or 3? - **\$300**

The car stops suddenly at the edge of a cliff, but the doll without a seatbelt keeps going and falls over the cliff.

ANSWER

Law 1, 2, or 3? - **\$400**

Fizz goes shooting out of a soda bottle in one direction and the bottle goes flying across the yard the other direction toward the camera guy.

ANSWER

Law 1, 2, or 3? - \$500

The law of inertia

ANSWER

Mixed Bag- \$100

Newton's 1st Law applies to

- a. objects at rest.
- b. moving objects.
- c. both moving and nonmoving objects.

ANSWER

Mixed Bag- \$200

Compared to its mass on Earth, the mass of a 10-kg object on the moon is

- a. the same.
- b. more.
- c. less.

ANSWER

Mixed Bag- \$300

If you drop a feather and a coin at the same time in a tube without air, which will reach the bottom of the tube first?

- a. Neither-they will both reach the bottom at the same time.
- b. The coin
- c. The feather

ANSWER

Mixed Bag- \$400

A ball is thrown straight up. At the top of its path its **speed** is

- a. 0 m/s.
- b. about 5 m/s.
- c. about 10 m/s.
- d. about 20 m/s.
- e. about 50 m/s.

ANSWER

Mixed Bag- \$500

A ball is thrown straight up. At the top of its path its **acceleration** is

- a. 0 m/s/s.
- b. about 5 m/s/s.
- c. about 10 m/s/s.
- d. about 20 m/s/s.
- e. about 50 m/s/s.

ANSWER

Solving Problems - \$100

A horse travels 30 meters in 3 seconds. What is its speed?

ANSWER

Solving Problems - \$200

A car goes from 0 to 60 miles per hour in 10 seconds. What is its acceleration?

ANSWER

Solving Problems - \$300

Mass = 5 kg

Acceleration = 2 m/s/s

What is the **force**?

ANSWER

Solving Problems - \$400

I have a mass of 45 kilograms.

What is my **weight** on earth?

ANSWER

Solving Problems - \$500

If a force of 100 N is applied to a brick that is 5 kg, what is the **acceleration** of the brick?

ANSWER

*****Answers*****

Forces - \$100

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- e. none of the above

DONE

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- b. less than its weight.
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DONE

Fill in the _____ - \$100

“distance”

“time”

DONE

Fill in the _____ - \$200

“velocity”

“time”

DONE

Fill in the _____ - \$300

**“speed” &
“direction”**

DONE

Fill in the _____ - \$400

“acceleration”

DONE

Fill in the _____ - \$500

**“acceleration”
due to “gravity”**

DONE

Law 1, 2, or 3? - *\$100*

Head bumps ball / ball bumps head

Newton's 3rd Law of Motion

DONE

Law 1, 2, or 3? - \$200

A force accelerates a mass

Newton's 2nd Law of Motion

DONE

Law 1, 2, or 3? - \$300

Biebs over a cliff

Newton's 1st Law of Motion

DONE

Law 1, 2, or 3? - \$400

Death by mentos

Newton's 3rd Law of Motion

DONE

Law 1, 2, or 3? - \$500

The law of inertia is

Newton's 1st Law of Motion

DONE

Mixed Bag- \$100

Newton's 1st Law applies to

- a. objects at rest.
- b. moving objects.
- c. **both moving and nonmoving objects.**

DONE

Mixed Bag- \$200

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- c. less.

DONE

Mixed Bag- \$300

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a. Neither-they will both reach the bottom at the same time.

b. The coin

c. The feather

DONE

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- c. about 10 m/s/s.**
- d. about 20 m/s/s.
- e. about 50 m/s/s.

DONE

Solving Problems - *\$100*

$$s = d/t = 30\text{m}/3\text{s}$$
$$= 10 \text{ m/s}$$

DONE

Solving Problems - \$200

$$a = \Delta v / \Delta t$$

$$= (60 - 0 \text{ mi/hr}) / 10 \text{ sec}$$

$$= \mathbf{6 \text{ mi/hr/s}}$$

DONE

Solving Problems - \$300

$$F = m * a$$

$$= 5 \text{ kg} * 2 \text{ m/s/s}$$

$$= 10 \text{ N}$$

DONE

Solving Problems - \$400

$$W = m * g$$

$$= 45 \text{ kg} * 10 \text{ m/s/s}$$

$$= 450 \text{ N}$$

DONE

Solving Problems - \$500

$$a = F/m$$

$$= 100 \text{ N} / 5 \text{ kg}$$

$$= 20 \text{ m/s/s}$$

DONE

**DAILY
DOUBLE**

CONTINUE

**DAILY
DOUBLE**

CONTINUE

Final Jeopardy

The Names of the Both Vice-Presidential Candidates.

Answer



Final Jeopardy

Election: 2008

Continue

Final Jeopardy!

Answer

Question:

Who are Gov. Sarah
Palin and Sen.
Joseph Biden, Jr.

Directions for Changing the Game

- To change the questions and answers, just type over the problems...Use the “replace” feature to change the categories easily
- The daily doubles were originally set to category #4 for \$500 and category #2 for \$300
- To change the daily doubles you must
 - 1. Change the hyperlink for the links on the main board to go to the appropriate question, therefore bypassing the daily double slide
 - 2. Change the hyperlink on the continue button on each daily double slide to go to the new question.